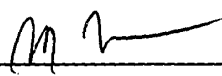
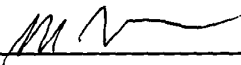


FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Atty Docket LUTEC 0008		Application No. To Be Assigned			
		Applicant Allen P. Mills, Jr., et al.					
		Filing Date Concurrently		Group 1155			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date
<i>AM</i>	AA	5,412,087	5-2-95	McGall et al.	536	29.3	
<i>AM</i>	AB	5,445,934	8-29-95	Fodor et al.	435	6	
<i>AM</i>	AC	5,605,662	2-25-97	Heller et al.	422	68.1	
<i>AM</i>	AD	5,503,980	4-2-96	Cantor	435	6	
<i>AM</i>	AE	5,545,531	8-13-96	Rava et al.	435	6	
	AF						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- Class	Trans- lation
	AG						
	AH						
	AI						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>AM</i>	AJ	Leonard M. Adleman, "Molecular Computation of Solutions to Combinatorial Problems", November 11, 1994, Science, Vol. 266, pp. 1021-1024.					
<i>AM</i>	AK	Richard J. Lipton, "DNA Solution of Hard Computational Problems", April 28, 1995, Science, Vol. 268, pp. 542-545.					
<i>AM</i>	AL	J.J. Hopfield, "Neural networks and physical systems with emergent collective computational abilities", April 1982, Proc. Natl. Acad. Sci. USA, Vol. 79, pp. 2554-2558.					
<i>AM</i>	AM	Will Penny et al., "Neural Networks in Clinical Medicine", Oct-Dec. 1996, Vol. 16/ No. 4, pp. 386-398.					
<i>AM</i>	AN	Jerome A. Feldman et al., "Computing with Structured Neural Networks", IEEE ASSP Magazine, March 1988, pp. 91-103.					
<i>AM</i>	AO	Bruce D. Shriver, "Artificial Neural Systems" IEEE ASSP Magazine, March 1988, pp. 8-9.					
Examiner <i>AM</i>					Date Considered 11/3/98		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

 JC135 U.S. PTO
 09/129958
 08/26/98

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Atty Docket LUTEC 0008		Application No. To Be Assigned			
		Applicant Allen P. Mills, Jr., et al.					
		Filing Date Concurrently		Group 1655			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- Class	Trans- lation
	AG						
	AH						
	AI						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	BJ	Teuvo Kohonen, The "Neural" Phonetic Typewriter, IEEE ASSAP Magazine, March 1988, pp. 11-22.					
	BK	Kunihiko Fukushima, "A Neural Network for Visual Pattern Recognition", IEEE ASSAP Magazine, March 1988, pp. 65-75.					
	BL	Hans. P. Graf et al., "VLSI Implementation of a Neural Network Model", IEEE ASSAP Magazine, March 1988, pp. 41-52.					
	BM	Gail A. Carpenter, "The ART of Adaptive Pattern Recognition by a Self-Organizing Neural Network", IEEE ASSAP Magazine, March 1988, pp. 77-88.					
	BN	Bernard Widrow et al., "Neural Nets For Adaptive Filtering and Adaptive Pattern Recognition", IEEE ASSAP Magazine, March 1988, pp 25-39.					
	BO	Frank Guarnieri et al., "Making DNA Add", Science, Vol. 273, July 12, 1996, pp. 220-223.					
Examiner 					Date Considered 11/31		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Atty Docket LUTEC 0008		Application No. To Be Assigned			
		Applicant Allen P. Mills, Jr., et al.					
		Filing Date Concurrently		Group 1655			
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- Class	Trans- lation
	AG						
	AH						
	AI						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	CJ	John S. Oliver, "Matrix Multiplication with DNA", J. Mol Evol (1997) 45:161-167.					
	CK	Eric B. Baum, "Building an Associative Memory Vastly Larger Than The Brain", April 28, 1995, Science, Vol. 268, pp. 583-585.					
	CL	R. Deaton et al., "Reliability and Efficiency of a DNA-Based Computation", January 12, 1998, Physical Review Letters, Vol. 80, Number 2, pp. 417-420.					
	CM	Andrew Marshall et al., "DNA chips: An array of possibilities", January 16, 1998, Nature Biotechnology, Vol. 16, pp. 27-31.					
	CN	Ann Caviani Pease et al., "Light-generated oligonucleotide arrays for rapid DNA sequence analysis", May 1994, Proc. Natl. Sci. USA, Vol. 91, pp. 5022-5026.					
	CO	R. Corn, DNA Computing Overview, http://www.corninfo.chem.wisc.edu/writings/DNAoverview.html , March 13, 1998, pp. 1-3.					
Examiner 					Date Considered 4/3/99		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				Atty Docket LUTEC 0008		Application No. To Be Assigned	
				Applicant Allen P. Mills, Jr., et al.			
				Filing Date Concurrently		Group 115T	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- Class	Trans- lation
	AG						
	AH						
	AI						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
R.	DJ	R. J. Britten et al., "Repeated Sequences in DNA", Science, August 9, 1968, Vol. 161, Number 3841, pp. 529-540.					
J	DK	Graham Ramsay, "DNA chips: State-of-the-art", Nature Biotechnology, Vol. 16, January 1998, pp. 40-44.					
J	DL	Chad A. Mirkin et al., "A DNA-based method for rationally assembling nanoparticles into macroscopic materials", Nature, Vol. 382, August 15, 1996, pp. 607-609.					
R.	DM	Sanjay Tyagi et al., "Multicolor molecular beacons for allele discrimination", Nature Biotechnology, Vol. 16, January 1998, pp. 49-53.					
	AN						
	AO						
Examiner 					Date Considered 11/2/98		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							